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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER P2003J098 U.S. APPLICATION NO. (If known, see 35 U.S.C. 371)
INTERNATIONAL APPLICATION NO. PCT/US2004/040091	INTERNATIONAL FILING DATE 01 December 2004 (01.12.04)	PRIORITY DATE CLAIMED 05 December 2003 (05.12.2003)
TITLE OF INVENTION METHOD FOR UPGRADING LUBE OIL BOILING RANGE FEEDSTREAMS BY TREATMENT WITH A SULFURIC ACID SOLUTION		
APPLICANT(S) FOR DO/EO/US Mark A. Greaney, Daniel P. Leta, Chris A. Wright		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). 		
Items 11 to 20 below concern document(s) or information included:		
<ol style="list-style-type: none"> 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input type="checkbox"/> Other items or information: 		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5)		INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NUMBER																										
107580582		PCT/US2004/040091		P2003J098																										
21. The following fees are submitted:																														
<table border="1"> <tr> <td><input checked="" type="checkbox"/> a) Basic national fee.....</td> <td>\$300.00</td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/> b) Examination fee.....</td> <td>\$200.00</td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/> c) Search fee.....</td> <td>\$500.00</td> <td></td> </tr> <tr> <td colspan="2">TOTAL OF ABOVE CALCULATIONS =</td> <td>\$1000.00</td> </tr> </table>						<input checked="" type="checkbox"/> a) Basic national fee.....	\$300.00		<input checked="" type="checkbox"/> b) Examination fee.....	\$200.00		<input checked="" type="checkbox"/> c) Search fee.....	\$500.00		TOTAL OF ABOVE CALCULATIONS =		\$1000.00													
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<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.																														
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<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by $\frac{1}{2}$.																														
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<p>a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>05-1330</u> in the amount of \$ <u>1,130.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>05-1330</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>																														
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.																														
SEND ALL CORRESPONDENCE TO:																														
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY																														
1545 Route 22 East, P. O. Box 900																														
Annandale, New Jersey 08801-0900																														
United States of America																														
 SIGNATURE Gerard J. Hughes NAME 41,855 REGISTRATION NUMBER																														

10/580582
AP20 Rec'd PCT/PTO 25 MAY 2006
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PCT Application No.: PCT/US2004/040091

§ PCT Operation:
§ U.S. Receiving Office

Applicant: ExxonMobil Research and Engineering Co.

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§ Agent's Reference No.:
§ P2003J098-WO

International Filing Date: 01 December 2004

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Earliest Priority Date: 05 December 2003

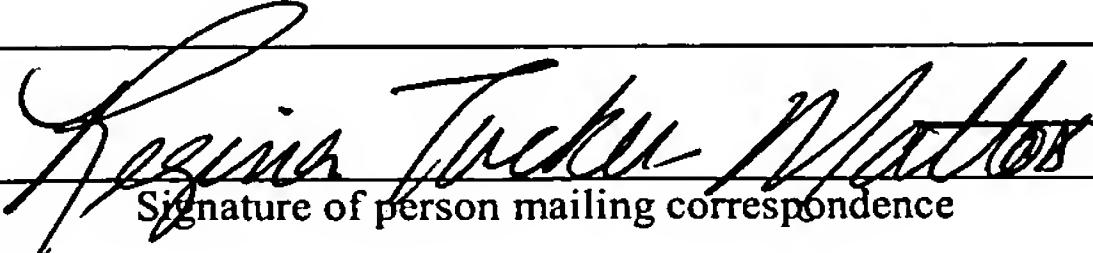
Title of Invention: METHOD FOR UPGRADING
LUBE OIL BOILING RANGE
FEEDSTREAMS BY TREATMENT
WITH A SULFURIC ACID
SOLUTION

Mail Stop PCT
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

VERIFICATION OF EXPRESS MAIL UNDER 37 CFR 1.10

EV 662834726 US	25 May 2006
Express Mail mailing number	Date of Deposit

I hereby certify that the attached correspondence for entering U.S. National Phase, consisting of a **Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Submission Under 35 U.S.C. 371 (Form PTO-1390) (2 pages)**, an **Application Data Sheet (3 pages)**, and a **Preliminary Amendment (6 pages)**, is being deposited with the United States Postal Service “Express Mail Post Office to Addressee” service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Mail Stop PCT, P. O. Box 1450, Alexandria, VA, 22313-1450.

 Signature of person mailing correspondence	Regina Tucker-Mattox Typed/printed name of person mailing correspondence
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